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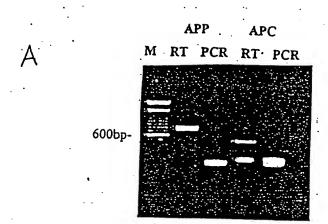
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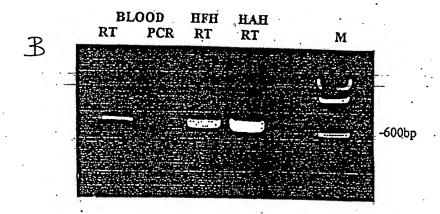
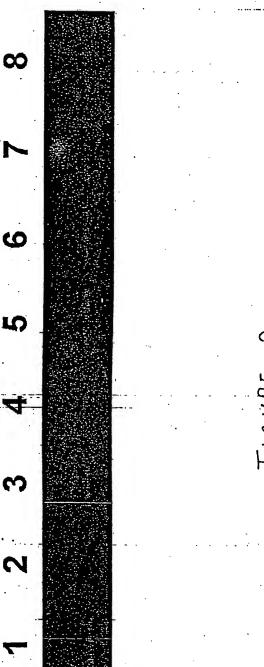


FIGURE 1



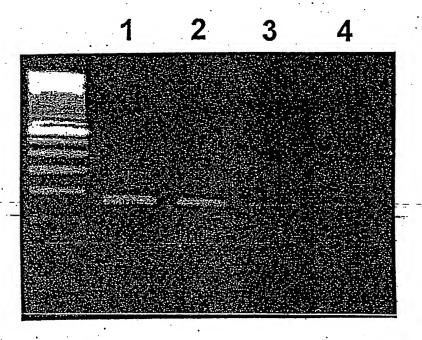


FIGURE 3

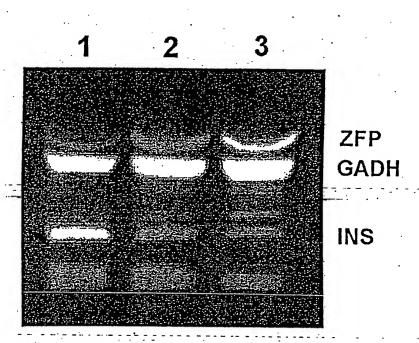
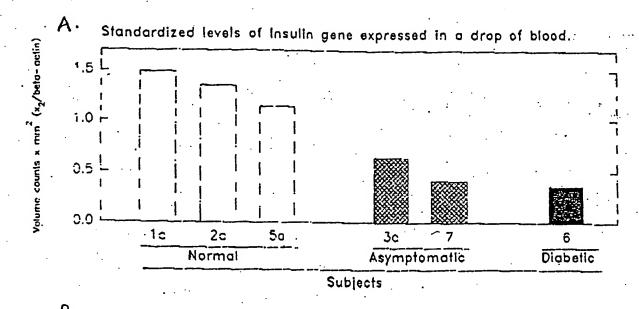
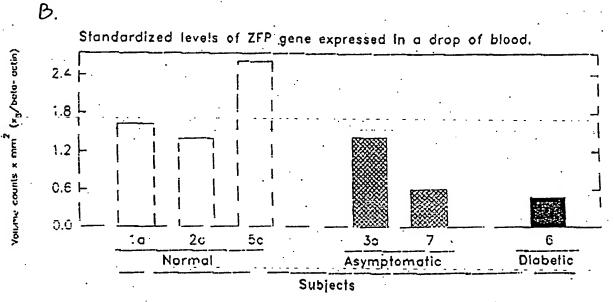
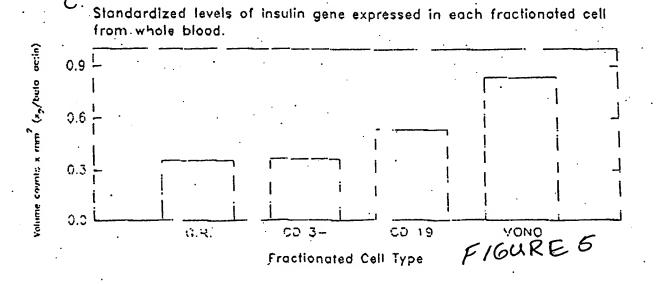


FIGURE 4







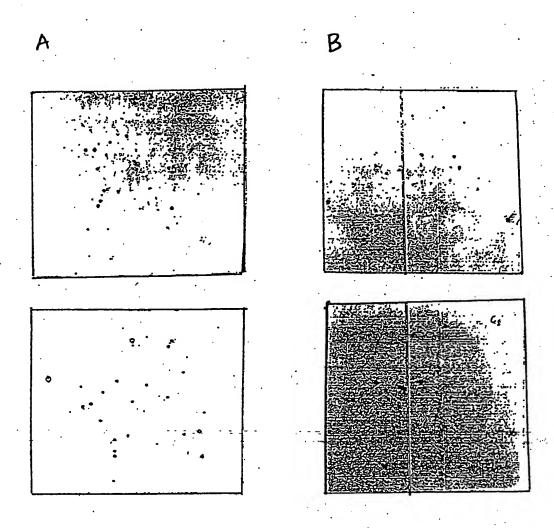


FIGURE 6

☐ Cell Signalling/Communication 回 Gene/Protein expression ■ Cell structure/Motility Cell/organism defense Cell Division **回** Unclassified **國** Metabolism Human Blood 2% Total:13, 283 ESTs Known: 6,283 Mitochondrial: 405 Ribosome: 498 Repeat: 868 Mis.: 156 Novel: 2,718 29%

Human Fetal Heart

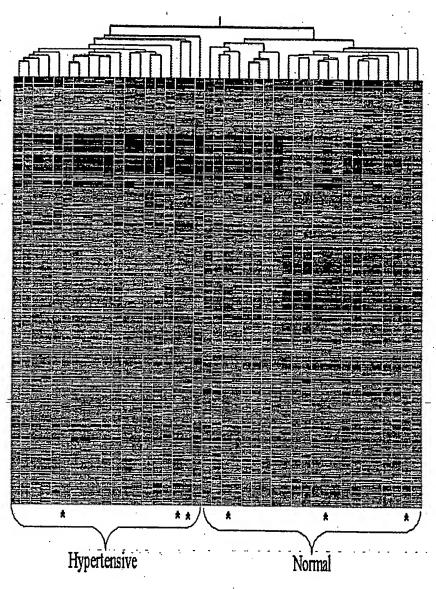
5%

10%

27%

FIGURE 7

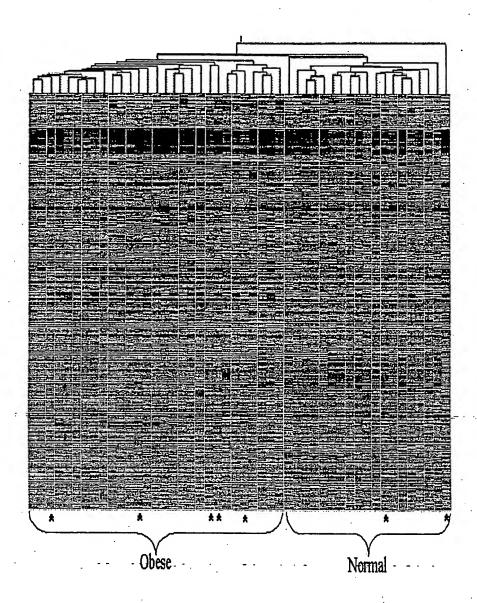
Figure 8
Hypertension



Hypertensive: 19

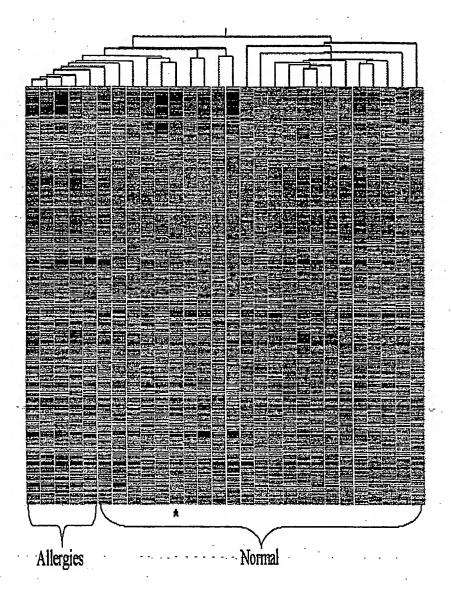
Normal: 22

Figure 9
Obesity



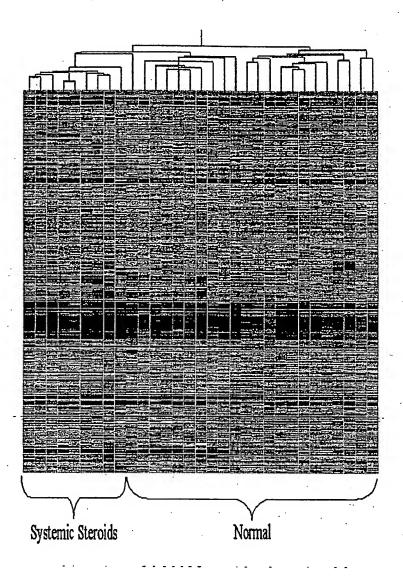
Obese: 25 Normal: 22

Figure 10 Allergies

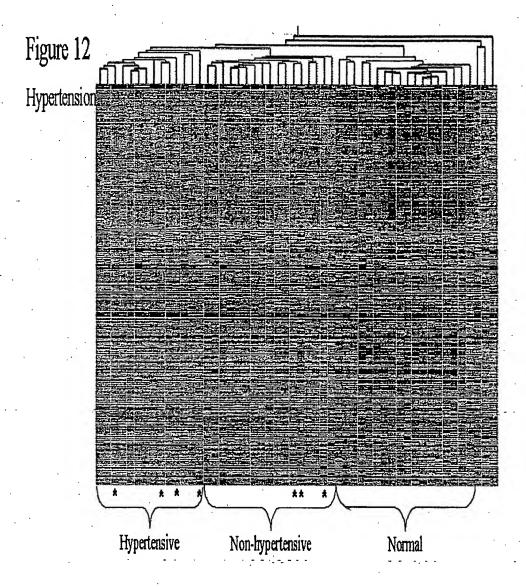


Allergies: 6
Normal: 22
Differentially Expressed Genes (p<0.05): 633

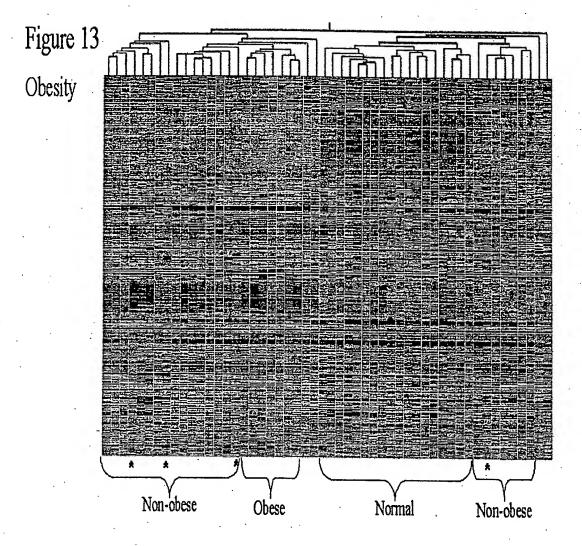
Figure 11
Systemic
Steroids



Systemic Steroids: 9
Normal: 22
Differentially Expressed Genes (p<0.05): 605



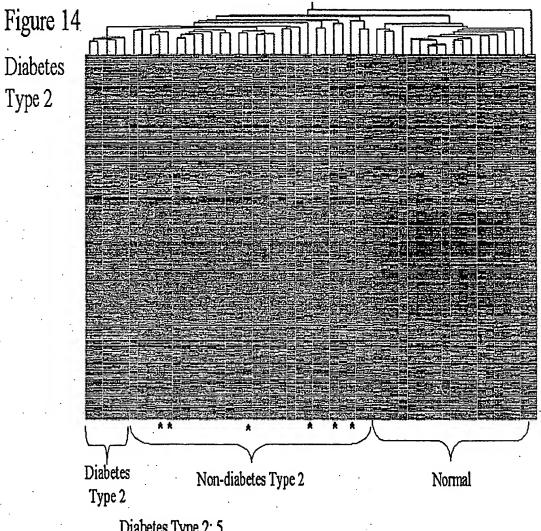
Hypertensive: 10
Non-hypertensive: 18
Normal: 24
Differentially Expressed Genes (p<0.05): 1,993



Obese: 8

Non-obese: 20

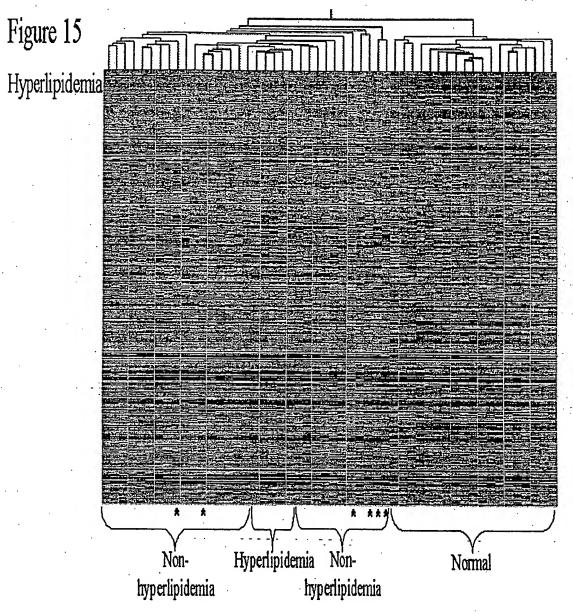
Normal: 24



Diabetes Type 2: 5

Non-diabetes Type 2: 23

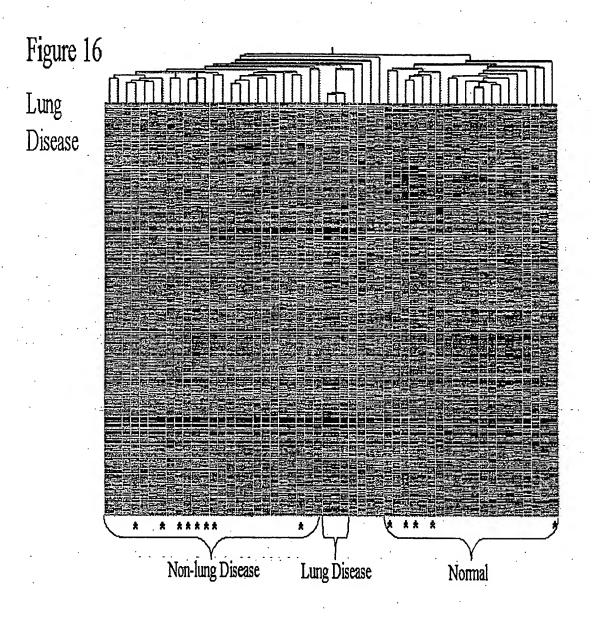
Normal: 24



Hyperlipidemia: 7

Non-hyperlipidemia: 21

Normal: 24

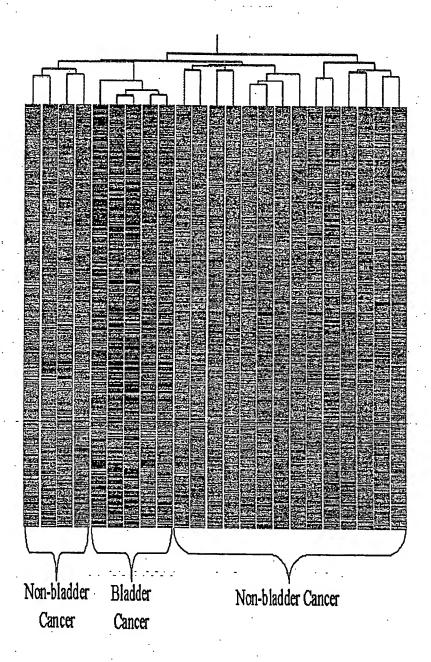


Lung Disease: 3

Non-lung Disease: 25

Normal: 24

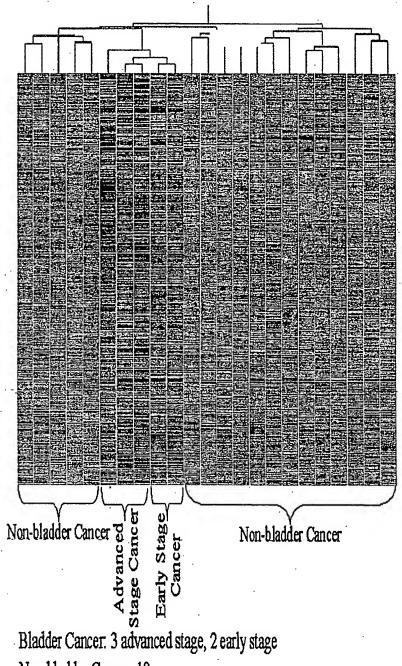
Figure 17
Bladder
Cancer



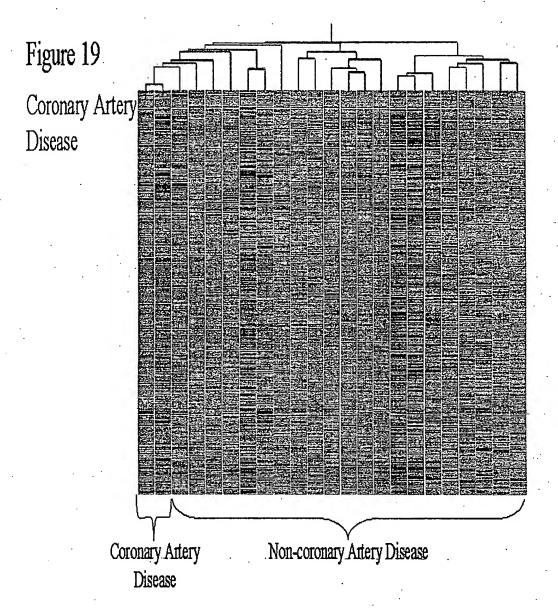
Bladder Cancer: 5 Non-bladder Cancer: 18 Differentially Expressed Genes (p<0.05): 4,228

Figure 18

Bladder Cancer



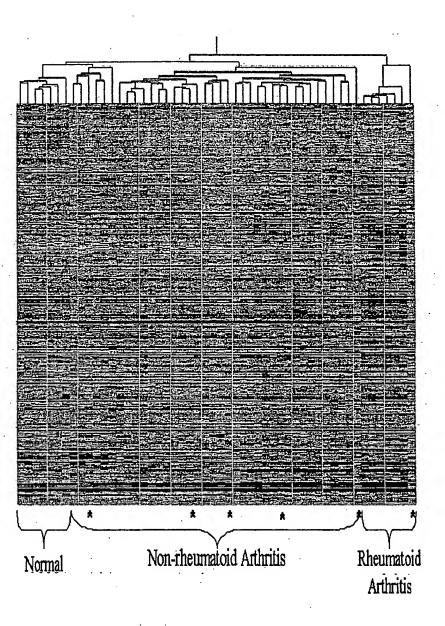
Non-bladder Cancer: 18



Coronary Artery Disease: 2

Non-coronary Artery Disease: 21

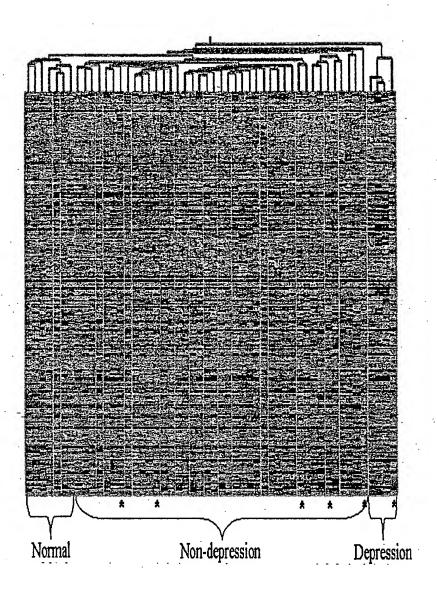
Figure 20
Rheumatoid
Arthritis



Rheumatoid Arthritis: 6
Non-rheumatoid Arthritis: 34
Normal: 12
Differentially Expressed Genes (p<0.05): 2,068

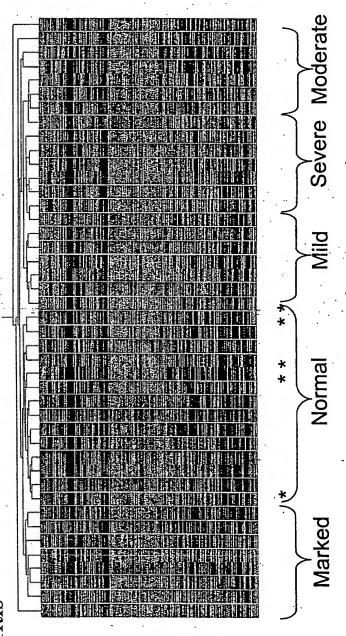
Figure 21

Depression



Depression: 3 Non-depression: 37 Normal: 12 Differentially Expressed Genes (p<0.05): 941

Figure 22 Osteoarthritis



Osteoarthritis: 9 mild, 8 moderate, 8 marked, 9 severe Normal: 9

RT-PCR of overexpressed genes in CAD peripheral blood cells identified using microarray experiments, Figure 23

including PBP, PF4 and F13A.

Marker Contr. 1 Contr. 2 Confr. 3 CAD1 CAD2 CAD3 CAD4

Connective Tissue Activating Peptide III  Beta-Kofin		 and the second s	-		the second second second second	- the same of the same of		The transmission of the second
nective Tissue Activating Peptide III  Beta-Kofin	Coagulation Factor XIII, Al					<b>2000年</b>	<b>经验的经验证据</b>	STATE OF
nective Tissue Activating Peptide III  Bela Kofin	Plateler Factor 4		and the control of th	Section and Confe				
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		A Comment				STATE OF THE STATE		Proposition of the

Figure 24

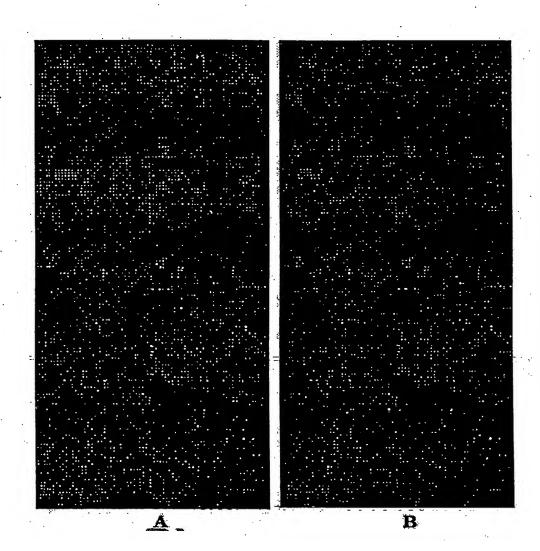
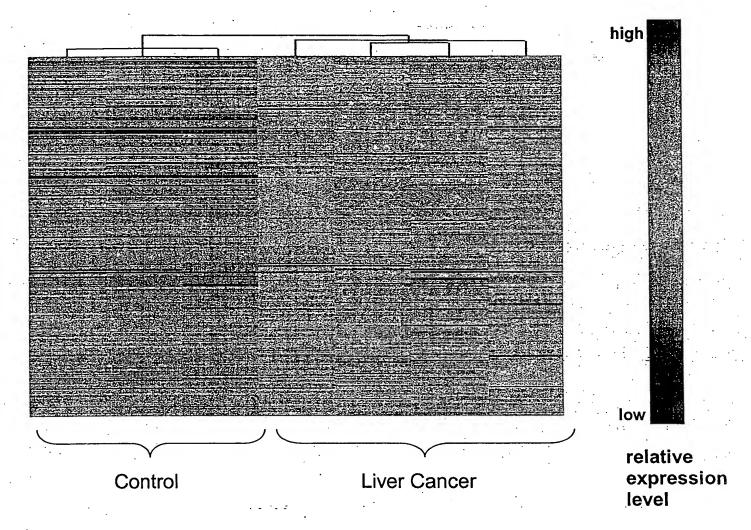
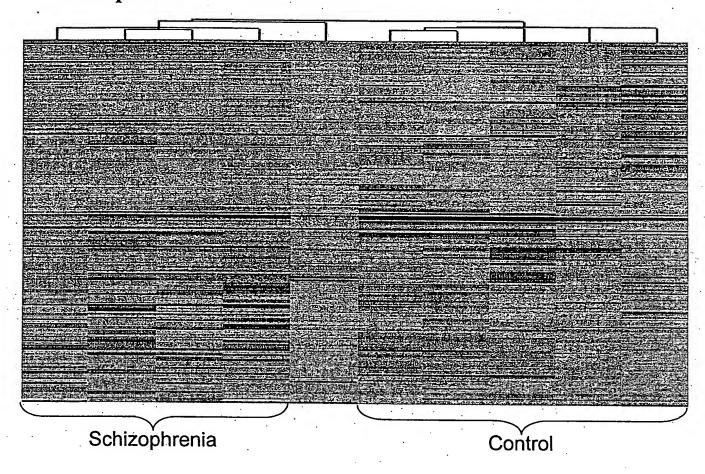


Figure 25
Liver Cancer



Control (red): n=3; Liver Cancer (orange): n=4

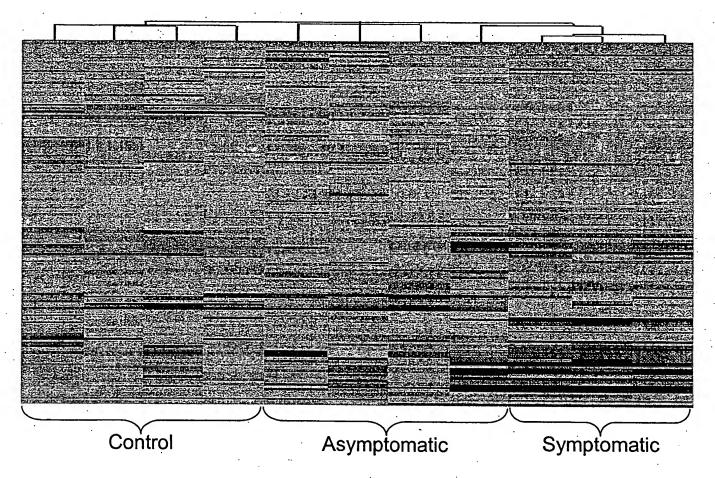
Figure 26
Schizophrenia



Control (red): n=6; Schizophrenia (orange): n=4

p<0.005 252 genes

Figure 27 Chagas Disease

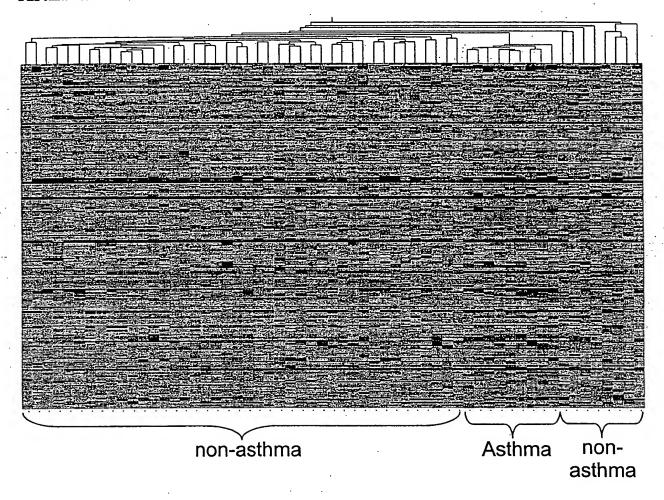


Control (orange): n=4; Chagas' asympt. (red): n=4; Chagas' sympt. (yellow): n=3

p<0.01 155 genes

Figure 28

#### Asthma

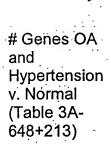


Asthma: n=9 Non-asthma: n=50

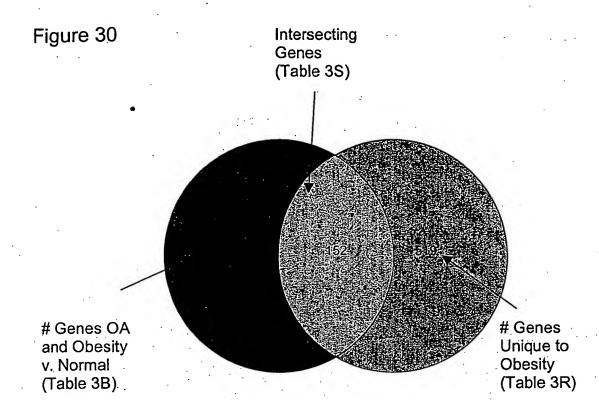
p<0.05 219 genes

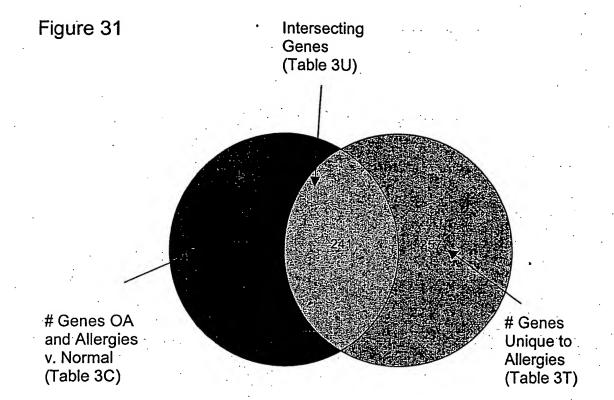


Intersecting Genes (Table 3Q)



# Genes Unique to Hypertension (Table 3P)





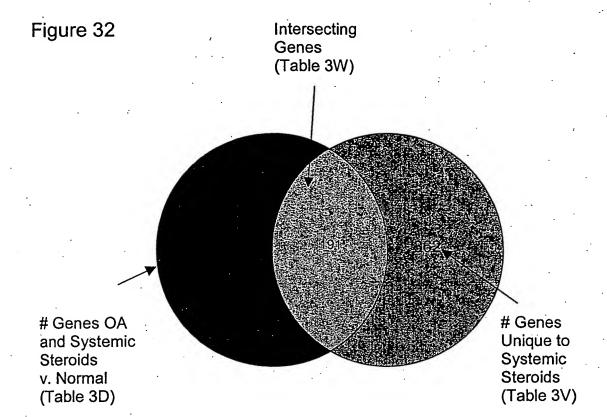
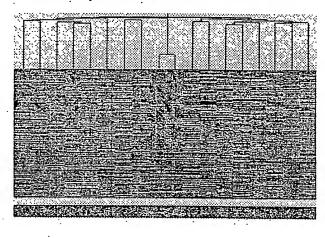


Figure 33

#### Schizophrenia, Batch 2 vs. MDS

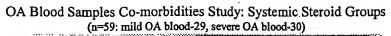


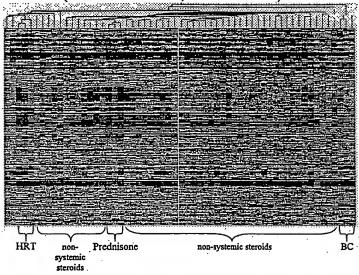
relative expression level

p<0.05 294 genes Schizophrenia (yellow): n=16; MDS (blue): n=2

MDS = Manic Depression Syndrome

Figure 34





Systemic Steroids (n=9): 3 prednisone, 3 birth control, 3 hormone replacement therapy Non-systemic steroids: 50
Differentially Expressed Genes (p<0.05): 396

HRT = hormone replacement therapy; BC = birth control